



ACC® Undensified Microsilica G94

Referenced Application: For Refractory Application

Grade 94U

Feature

- High SiO₂ content.
- High Activity.
- High PH.
- Adjustable Bulk Density.
- Good Fluidity.

Packaging

The product is supplied in a range of packaging:

- 500kg double plastic woven Jumbo bag.
- 20/25kg paper bag or woven bags with PE liner.

Special packaging can be supplied on request.

Quality Control

ACC Microsilica® is certified according to ISO 9001.

The chemical composition and physical properties are regularly tested in accordance with international standards.

Standards

ACC Microsilica® Grade 94U conforms to the mandatory requirements of the relevant standards from:

- American Society for Testing and Materials (ASTM C 1240)
- European Committee for Standardisation.

| Analysis/Properties | | Value |
|--------------------------------|----------------------------|-----------------------------|
| SiO ₂ | Silicon Dioxide, Amorphous | 94% min |
| Al ₂ O ₃ | Aluminum Oxide | Typical 0.25% |
| Fe ₂ O ₃ | Iron Oxide | Typical 0.05% |
| CaO | Calcium Oxide | Typical 0.18% |
| MgO | Magnesium Oxide | Typical 0.30% |
| K ₂ O | Potassium Oxide | Typical 0.96% |
| Na ₂ O | Sodium Oxide | Typical 0.09% |
| LOI | Loss on Ignition | 3.5 % max |
| Moisture | | 1% max, Typical 0.52% |
| Retained on 45 micron sieve | | 10% max, Typical 1.03% |
| Bulk Density | | 300-400 kg/m ³ |
| PH | | 4--5 |
| Fluidity | | > 18 cm |
| Specific surface(BET) | | 18 m ² /gram min |

The above specification refers to analysis performed using the ASTM Standard Test Methods and Elemental Analysis for ACC Microsilica®

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